

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/586,529
Source: IFWP
Date Processed by STIC: 07/27/2006

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IFWP

RAW SEQUENCE LISTING

DATE: 07/27/2006

PATENT APPLICATION: US/10/586,529

TIME: 12:08:47

Input Set : A:\004974.01203 sequence listing.txt

Output Set: N:\CRF4\07272006\J586529.raw

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3 <110> APPLICANT: Bayer HealthCare AG
5 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
6   Kallikrein 12 (KLK12)
8 <130> FILE REFERENCE: BHC 04 01 018
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/586,529
C--> 10 <141> CURRENT FILING DATE: 2006-07-19
10 <160> NUMBER OF SEQ ID NOS: 5
12 <170> SOFTWARE: PatentIn version 3.2
14 <210> SEQ ID NO: 1
15 <211> LENGTH: 1074
16 <212> TYPE: DNA
17 <213> ORGANISM: Homo sapiens
19 <400> SEQUENCE: 1
20 gcaggtaggt ggacggagag atagcagcga cgaggacagg ccaaacagtg acagccacgt      60
21 agaggatctg gcagacaaag agacaagggtg agaaggagac tttggaagtg acccaccatg      120
22 gggctcagca tctttttgct cctgtgtgtt cttgggctca gccaggcagc cacaccgaag      180
23 attttcaatg gcaactgagtg tgggcgtaac tcacagccgt ggcagggtggg gctgtttgag      240
24 ggcaccagcc tgcgctgcgg ggggtgtcctt attgaccaca ggtgggtcct cacagcggct      300
25 cactgcagcg gcagcaggta ctgggtgcgc ctgggggaac acagcctcag ccagctcgac      360
26 tggaccgagc agatccggca cagcggcttc tctgtgaccc atcccggcta cctgggagcc      420
27 tcgacgagcc acgagcacga cctccggctg ctgcggctgc gcctgccctg ccgcgtaacc      480
28 agcagcgttc aaccctgcc cctgcccatt gactgtgcaa ccgctggcac cgagtgccac      540
29 gtctcaggct ggggcatcac caaccaccca cggaacccat tcccggatct gctccagtgc      600
30 ctcaacctct ccctcgtctc ccctgccacc tgccatgggtg tgtatcccgg gagaatcacg      660
31 agcaacatgg tgtgtgcagg cggcgtcccg gggcaggatg cctgccaggg tgattctggg      720
32 ggccccctgg tgtgtggggg agtccttcaa ggtctgggtg cctgggggtc tgtggggccc      780
33 tgtggacaag atggcatccc tggagtctac acctatattt gcaagtatgt ggactggatc      840
34 cggatgatca tgaggaacaa ctgacctgtt tcctccacct ccacccccac cccttaactt      900
35 gggtagccct ctggccctca gagcaccaat atctcctcca tcacttcccc tagctccact      960
36 cttgttggcc tgggaacttc ttggaacttt aactcctgcc agcccttcta agaccacga      1020
37 gcggggtgag agaagtgtgc aatagtctgg aataaatata aatgaaggag gggc          1074
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 248
41 <212> TYPE: PRT
42 <213> ORGANISM: Homo sapiens
44 <400> SEQUENCE: 2
45 Met Gly Leu Ser Ile Phe Leu Leu Leu Cys Val Leu Gly Leu Ser Gln
46 1           5           10           15
47 Ala Ala Thr Pro Lys Ile Phe Asn Gly Thr Glu Cys Gly Arg Asn Ser
48           20           25           30
49 Gln Pro Trp Gln Val Gly Leu Phe Glu Gly Thr Ser Leu Arg Cys Gly
50           35           40           45
51 Gly Val Leu Ile Asp His Arg Trp Val Leu Thr Ala Ala His Cys Ser

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52      50      55      60
53 Gly Ser Arg Tyr Trp Val Arg Leu Gly Glu His Ser Leu Ser Gln Leu
54 65      70      75      80
55 Asp Trp Thr Glu Gln Ile Arg His Ser Gly Phe Ser Val Thr His Pro
56      85      90      95
57 Gly Tyr Leu Gly Ala Ser Thr Ser His Glu His Asp Leu Arg Leu Leu
58      100      105      110
59 Arg Leu Arg Leu Pro Val Arg Val Thr Ser Ser Val Gln Pro Leu Pro
60      115      120      125
61 Leu Pro Asn Asp Cys Ala Thr Ala Gly Thr Glu Cys His Val Ser Gly
62      130      135      140
63 Trp Gly Ile Thr Asn His Pro Arg Asn Pro Phe Pro Asp Leu Leu Gln
64 145      150      155      160
65 Cys Leu Asn Leu Ser Ile Val Ser His Ala Thr Cys His Gly Val Tyr
66      165      170      175
67 Pro Gly Arg Ile Thr Ser Asn Met Val Cys Ala Gly Gly Val Pro Gly
68      180      185      190
69 Gln Asp Ala Cys Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Gly Gly
70      195      200      205
71 Val Leu Gln Gly Leu Val Ser Trp Gly Ser Val Gly Pro Cys Gly Gln
72      210      215      220
73 Asp Gly Ile Pro Gly Val Tyr Thr Tyr Ile Cys Lys Tyr Val Asp Trp
74 225      230      235      240
75 Ile Arg Met Ile Met Arg Asn Asn

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76 245

78 <210> SEQ ID NO: 3

79 <211> LENGTH: 20

80 <212> TYPE: DNA

81 <213> ORGANISM: artificial sequence

83 <220> FEATURE:

84 <223> OTHER INFORMATION: forward primer

86 <400> SEQUENCE: 3

87 ctcttggttg cctgggaact

20

89 <210> SEQ ID NO: 4

90 <211> LENGTH: 19

91 <212> TYPE: DNA

92 <213> ORGANISM: artificial sequence

94 <220> FEATURE:

95 <223> OTHER INFORMATION: reverse primer

97 <400> SEQUENCE: 4

98 ccgctcgtgg gtcttagaa

19

100 <210> SEQ ID NO: 5

101 <211> LENGTH: 25

102 <212> TYPE: DNA

103 <213> ORGANISM: artificial sequence

105 <220> FEATURE:

106 <223> OTHER INFORMATION: probe

108 <400> SEQUENCE: 5

109 cttggaactt taactcctgc cagcc

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/586,529

DATE: 07/27/2006

TIME: 12:08:48

Input Set : A:\004974.01203 sequence listing.txt

Output Set: N:\CRF4\07272006\J586529.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date